

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	50	((("6292830") or ("5478296") or ("5716090") or ("6149550") or ("4402504") or ("4619453") or ("4968029") or ("5386989") or ("5399132") or ("5549535") or ("5575745") or ("5599256") or ("5678263") or ("5967946") or ("6206811") or ("4973050") or ("5497732") or ("5400554") or ("5325904") or ("5433327") or ("4250411") or ("4404833") or ("4520898") or ("4611661") or ("4626732") or ("4937546") or ("5829593") or ("6053281") or ("5599261") or ("4412677") or ("4538807") or ("4610099") or ("4822068") or ("4886245") or ("5176596") or ("5529539") or ("5575741") or ("5662556") or ("5665034") or ("5833588") or ("6244989") or ("6805409") or ("4856746") or ("4959763") or ("5802780") or ("6370769") or ("4397120") or ("4593926") or ("4892221") or ("4295307"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/06/08 13:30
S2	314	(482/97).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/08 15:03
S3	1083	((482/92-94) or (482/98)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/09 13:28
S5	1557	((482/44) or (482/62) or (482/70) or (482/117) or (482/148)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/09 15:33
S6	836	((482/106) or (482/108) or (482/109)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/09 16:14
S7	88	(d21/675).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/09 16:22
S8	32	a63b021/08.ipc. not us.cc.	FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/09 16:24

## EAST Search History

S9	96	a63b021/015.ipc. not us.cc.	FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/09 16:24
S10	128	S8 or S9	FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/09 16:28
S11	1728	a63b021/00.ipc. not us.cc.	FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/09 16:28
S12	106	S11 and (ball or socket or spherical or sphere or universal)	FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/09 16:34
S13	3234	exercise and ((universal or ball or spherical or sphere) SAME (socket or joint))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/09 16:39
S14	1879	S13 and (pole or post or rod)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/09 16:40
S15	0	("2005/0176558").URPN.	USPAT	OR	ON	2006/06/11 14:48
S16	1	("212946").URPN.	USPAT	OR	ON	2006/06/11 14:48
S17	0	("2003/0013586").URPN.	USPAT	OR	ON	2006/06/11 14:48
S18	43	("1969901"   "2209034"   "3473843"   "3709487"   "3770267"   "3874657"   "3892404"   "4140312"   "4157179"   "4240627"   "4316609"   "4319747"   "4369966"   "4462252"   "4477071"   "4480832"   "4572500"   "4621623"   "4627619"   "D263978").PN. OR ("4796881"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 14:50
S19	20	("1982843"   "4135535"   "4402506"   "4538807"   "4645201"   "4664373").PN. OR ("5064190"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 14:52
S20	17	("0212946"   "1577809"   "2126443"   "3782721"   "3957266"   "4603856").PN. OR ("5013034"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 14:54

## EAST Search History

S21	31	("1535391"   "2460880"   "2817524"   "3428311"   "3637205"   "3768808"   "3782721"   "3971255"   "4026279"   "4249727"   "4502681").PN. OR ("4603856").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 14:55
S22	19	("2356260").URPN.	USPAT	OR	ON	2006/06/11 14:57
S23	16	("1019861"   "1535391"   "4114873"   "4779862"   "4781372"   "4915373"   "4940226"   "5013034"   "5244444"   "5284460"   "5328427"   "5346451"   "5429563"   "5451194").PN. OR ("5971891").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 14:58
S24	2	("2909371").URPN.	USPAT	OR	ON	2006/06/11 14:59
S25	2	("2909371").URPN.	USPAT	OR	ON	2006/06/11 15:00
S26	5	("605747").URPN.	USPAT	OR	ON	2006/06/11 15:00
S27	25	("1176365"   "1966448"   "1990124"   "2109775"   "2497391"   "3112928"   "3782721"   "3791646"   "4674740"   "4830363"   "5158513").PN. OR ("5393280").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 15:01
S28	18	("3807727"   "3904198"   "4236544"   "4257591"   "4376532"   "4402506"   "4466610"   "4572500"   "4700945"   "4750736"   "5022648"   "5064190"   "5078389"   "5139471").PN. OR ("5403256").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 15:02
S29	64	("0478166"   "1509793"   "1671096"   "1861661"   "1911390"   "2206902"   "2714007"   "3207510"   "3416792"   "3511500"   "3531110"   "3582066"   "3612519"   "3638940"   "3683896"   "3785642"   "3929329"   "3984100"   "4101136"   "4111416"   "4186920"   "4199137"   "4200282"   "4279415"   "4285516"   "4376532"   "4530498"   "4603851"   "4613130"   "4629181"   "4669722"   "4700947"   "4705028"   "4739986"   "4892305"   "4900012"   "4966364"   "5035421"   "5062629"   "5176598"   "5320593"   "D193010"   "D281343").PN. OR ("5391134").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 15:02

## EAST Search History

S30	11	("1535391"   "2253012"   "3782721"   "3807727"   "4249727"   "4953858"   "5013034"   "5330407").PN. OR ("5759139").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 15:03
S31	37	("2508567"   "3124971"   "3384370"   "3428311"   "3588102"   "3782721"   "3904198"   "4149713"   "4249727"   "4461473"   "4585229"   "4603856"   "4618143"   "4629184"   "4684122"   "4720096"   "4743018"   "4822035"   "4836535"   "4901999"   "4915396"   "4949957"   "4974836"   "5076578"   "5151070").PN. OR ("5273509").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 15:04
S32	9	("799270").URPN.	USPAT	OR	ON	2006/06/11 15:05
S33	20	("0605747"   "1366200"   "2356260"   "2921791"   "3428311"   "4103887"   "4249727"   "4603856"   "4634121").PN. OR ("5244444").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 15:05
S34	17	("1535391").URPN.	USPAT	OR	ON	2006/06/11 15:06
S35	1	("1973593").URPN.	USPAT	OR	ON	2006/06/11 15:06
S36	11	("3428311"   "3782721"   "3802701").PN. OR ("4249727").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 15:07
S37	35	("3587319").URPN.	USPAT	OR	ON	2006/06/11 15:07
S38	28	("1535391"   "2772881"   "3428311"   "3587319").PN. OR ("3782721").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 15:09
S39	22	("3428311").URPN.	USPAT	OR	ON	2006/06/11 15:10
S40	29	("0478166"   "1509793"   "1565484"   "2817524"   "2909371"   "3176986"   "3352559"   "3372930"   "3768808"   "3782721"   "3929329").PN. OR ("4139193").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 18:02
S41	312	482/908.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/11 18:02

## EAST Search History

S42	51	S41 and (hole or aperture) and pin and telescopi\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/11 18:36
S43	355	wilkinson-william\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/11 18:36
S44	95	S43 and "482"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/11 18:42
S45	299	huang-ming\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/11 18:42
S46	9	S45 and "482"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/06/11 18:42
S47	20	("1982843"   "4135535"   "4402506"   "4538807"   "4645201"   "4664373").PN. OR ("5064190").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 18:46
S48	18	("3807727"   "3904198"   "4236544"   "4257591"   "4376532"   "4402506"   "4466610"   "4572500"   "4700945"   "4750736"   "5022648"   "5064190"   "5078389"   "5139471").PN. OR ("5403256").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 18:49

## EAST Search History

S49	64	("0478166"   "1509793"   "1671096"   "1861661"   "1911390"   "2206902"   "2714007"   "3207510"   "3416792"   "3511500"   "3531110"   "3582066"   "3612519"   "3638940"   "3683896"   "3785642"   "3929329"   "3984100"   "4101136"   "4111416"   "4186920"   "4199137"   "4200282"   "4279415"   "4285516"   "4376532"   "4530498"   "4603851"   "4613130"   "4629181"   "4669722"   "4700947"   "4705028"   "4739986"   "4892305"   "4900012"   "4966364"   "5035421"   "5062629"   "5176598"   "5320593"   "D193010"   "D281343").PN. OR ("5391134"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 19:38
S50	43	("2206902"   "2714007"   "2930613"   "2941801"   "3010719"   "3108802"   "3310320"   "3416792"   "3438626"   "3560035"   "3713653"   "3879033"   "3967820"   "4159111"   "4186920").PN. OR ("4285516"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 19:41
S51	27	("2471528"   "2714007"   "3480274"   "3560035"   "3764131"   "3834695"   "3836140"   "3854717"   "3923302"   "4252312"   "4285516").PN. OR ("4530498"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/11 19:45
S52	348	(482/146).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/06/11 19:45